

The diagram illustrates the WAP architecture components and their interactions, organized into three main sections: CLIENT, MOBILE PHONE SYSTEM COMPANY, and NETWORK SERVER.

- CLIENT:** Contains a mobile phone icon and a box labeled "Client" which lists: WML, WML Script, WTAI, and Etc.
- MOBILE PHONE SYSTEM COMPANY:** Contains a box labeled "WAP GATEWAY" which includes: WML encoder, WML Script encoder, and Protocol adaptor.
- NETWORK SERVER:** Contains a box labeled "Web Server" which includes: CGI Scripts etc. (in an oval), Content (in a cylinder), and WML / Decks / with WML Script (in a vertical box).

Interactions:

- A double-headed arrow labeled **WAP** connects the Client box to the WAP GATEWAY box.
- A double-headed arrow labeled **HTTP** connects the WAP GATEWAY box to the Web Server box.

FIG.1

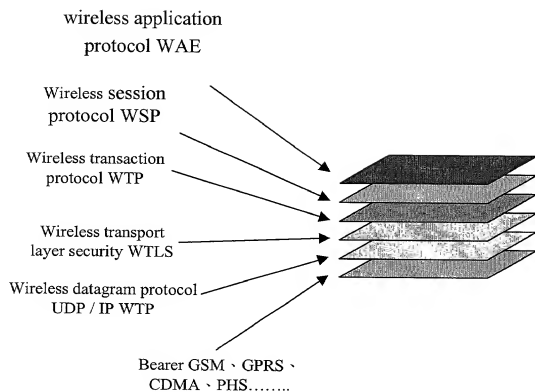


FIG.2

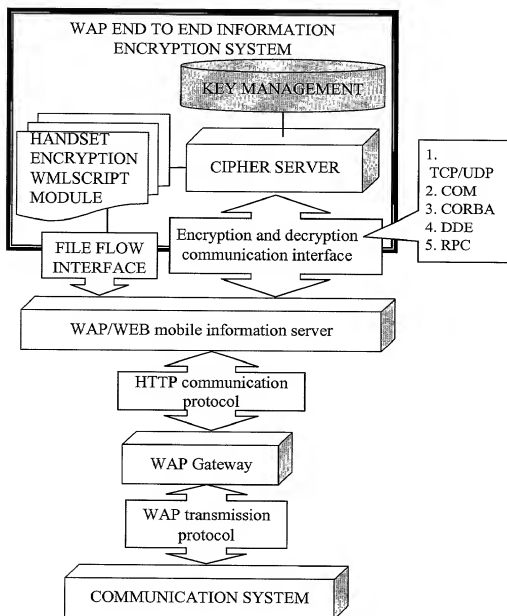


FIG.3

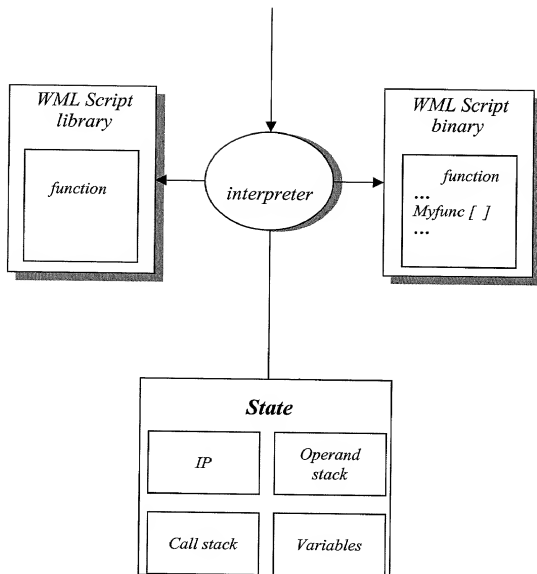


FIG.4

	Account Number		Subject	Account number	Check number	Sub-number	Encrypted number	Money transfer	Length of the plain text
	Code	Number of the branch							
Plain	097	092	10	12345	8	25	1234	9999	24
Decimal	092709210			12345825			12349999		Na
Hex	AB02DE			8b5c43			68c456		Na
Hex	AB	02	DE	8D	5C	43	68	C4	56
Decimal	171	2	222	141	92	67	104	196	86
ANSI Code									
Plain									
ANSI	C(171)	C(2)	C(222)	C(141)	C(92)	C(67)	C(104)	C(196)	C(86)
CharSet									
Note	1. Plain: Plain text 2. Hex: Hexadecimal system 3. Decimal: Decimal system 4. ANSI Code: American National standard institute code 5. ANSI CharSet: American National standard institute character set C(N)								

FIG.5

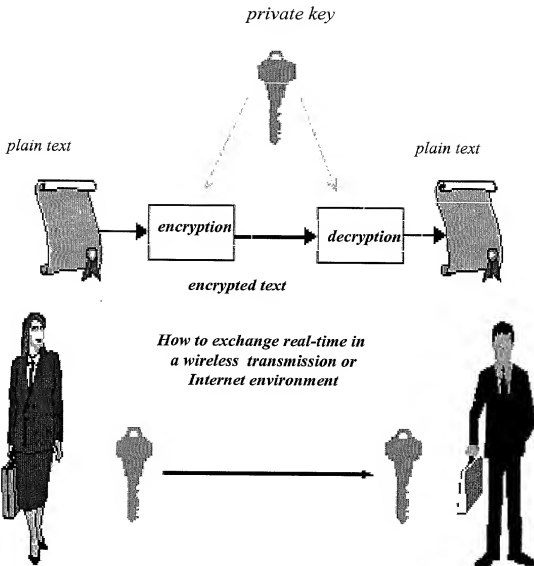


FIG.6

<TRANSMITTER> <RECEIVER>

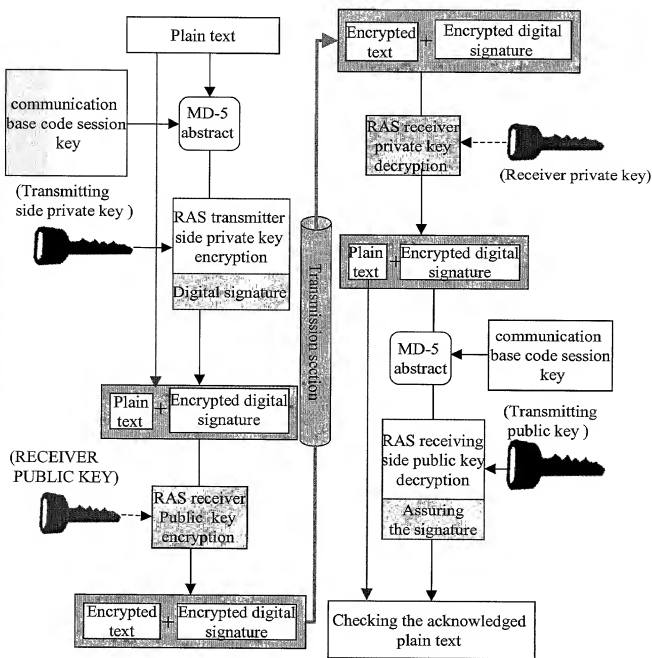


FIG.7

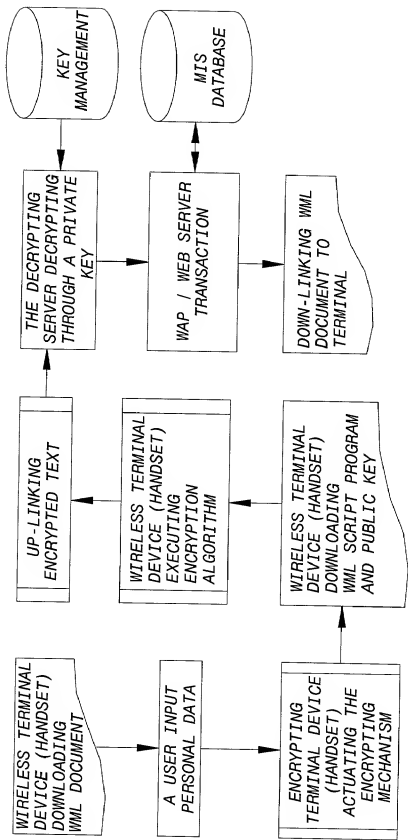
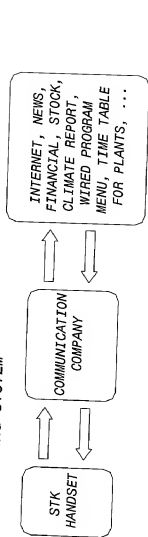


FIG.8

CLOSING SYSTEM



OPEN STRUCTURE

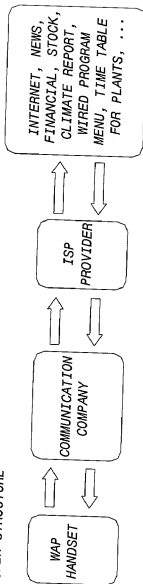


FIG.9

ITEM	STK	WAP
INFORMATION TRANSMISSION WAY	BRIEF	DATA
CHARGING WAY	TIMES FOR TRANSMITTING THE BRIEF	COMMUNICATION TIME
OPERATION WAY	OFF-LINE OPERATING SERVICE OF COMPACT ITEM, TITLES, AND SIMPLE TRANSACTIONS	OPERATIONG COMPLEX, DESCRIBED, AND INTERACTIVE SERVICES THROUGH A DATA CONNTING WIRE
TECHNOLOGICAL MATURITY AND TRANSMISSION SECURITY	GSM PHASE 2+,HIGH TECHNICAL LEVEL, HIGH END TO END OPERATION, SECURITY IN END TO END COMMUNICATION,BUT NO ACKNOWLEDGE MECHANISM	NOT COMPLETE IN THE CONVENTIONAL WAP 1.1 SECURITY , NO CLIENT ENCRYPTION, ACKNOWLEDGE AND UN-REJECT MECHANISM, WHILE AS IT IS USED IN THE PRESENT INVENTION, THEN IT IS MATCHED TO THE END TO END SECURITY MECHANISM MATCHING PCI CONSTRUCTION
HANDSET	WIDELY USED TO SUPPORT STK HANDSET	NOT WIDELY USED TO SUPPORT WAP HANDSET, IT IS PREDICTED THAT IN 2000, THERE ARE MORE HANDSETS TO BE MASS-PRODUCED FOR SUITING THE WIDE BAND AGE

FIG.10

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

